

Work Order ID 82658

82658

Page 1

Wednesday, April 04, 2012 1:23:19 PM

Item ID: D4009-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Bonding Braid

Stop

NS2

Start Date: 4/9/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 4/16/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals: Process Plan: *MF*

Date: *12-04-04* Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4009

A

100

0.00

100

Small Fab

Memo

0.00

Small Fab

assemble as per dwg D4009

8x *Ø* *5/2/04/13*

110

QC5- Inspect part completeness to step on W/O

0.00

110

QC

Memo

0.00

Quality Control

5/2/04/13

(48)

120

Identify as per dwg & Stock Location: *142*

0.00

120

Packaging

Memo

0.00

Packaging

(82)

6/4/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Bonding Braid

Stop ***NS2***

Start Date: 4/9/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 4/16/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

12/4/17 JJ
MF
12-04-26

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Picklist Print

Wednesday, April 04, 2012 1:23:18 PM

Page 1

Work Order ID: 82658
Parent Item: D4009-041
Parent Item Name: Bonding Braid

Start Date: 4/9/2012
Start Qty: 8.00

Required Date: 4/16/2012
Required Qty: 8.00

Comments: IPP rev A 10.02.02 new issue Prelim EC verified by:DD IPP Rev:B 10.05.03 as per ECN10-562 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4009-1 Terminal End		Manufactured	No			100	Each	14.0000	2	16			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST083		13							
				79929		13				13			
				ST108		1							
D4009-3 Ground Strap		Manufactured	No			100	Each	3.0000	1	8			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST083		1							
				80517		1							
				ST109		2							
D4009-5 Ground Strap		Manufactured	No			100	Each	1.0000	1	8			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST109		1							
				72536		2							
D4009-7 Tab		Manufactured	No			100	Each	37.0000	1	8			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST108		37							
				62137		2							
				67265		35				8			

EPB12/04/13
B82659 (3x)
EPB12/04/12
B82660 (8x)
EPB12/04/12
B82661 (8x)
EPB12/04/12

W/O:		WORK ORDER CHANGES					
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Wednesday, April 04, 2012 1:23:18 PM

Page 2

Work Order ID: 82658
Parent Item: D4009-041
Parent Item Name: Bonding Braid

Start Date: 4/9/2012

Required Date: 4/16/2012

Start Qty: 8.00

Required Qty: 8.00

D4009-9 Manufactured No
Receptacle

100 Each 19.0000

1 8

SP 12/04/12

Location

Loc Qty

Loc Code

ST108

19

62138

4

72675

15

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

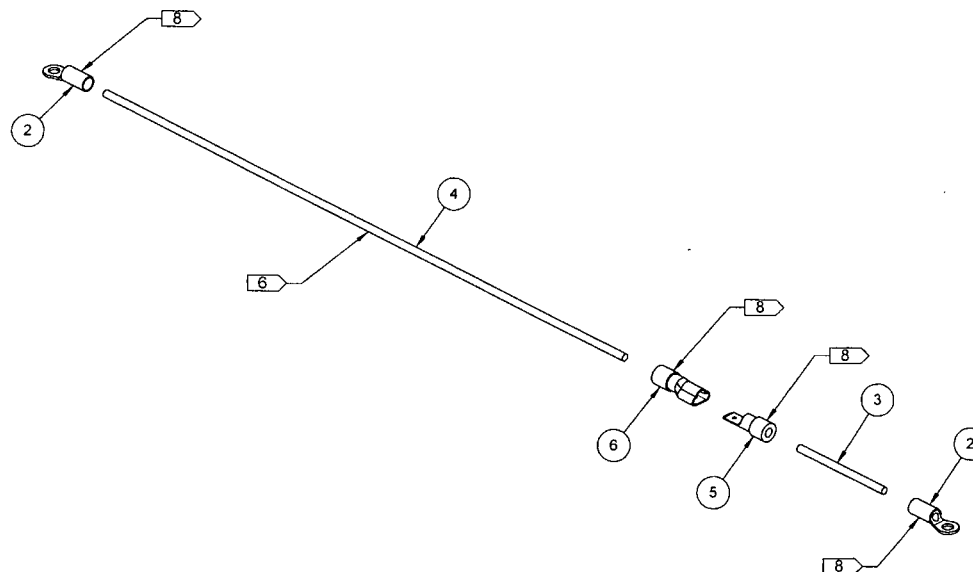
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4009-041	BONDING BRAID	JCA-M47-4-01
2	2	D4009-1	TERMINAL END	
3	1	D4009-3	GROUND STRAP	
4	1	D4009-5	GROUND STRAP	
5	1	D4009-7	TAB	
6	1	D4009-9	RECEPTACLE	



D4009-041 BONDING BRAID

RELEASED
10.02.05
100

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4009-041" AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) USE CRIMPING TOOL P/N 59824-1

A	NEW ISSUE	BY	DATE
REV.	DESCRIPTION		
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.02.05		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4009	REV. A
TITLE GROUND STRAP	SCALE NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

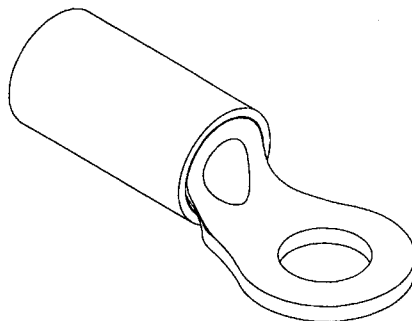
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4009-1	REF JCA-M47-4-01

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	MILITARY PART NUMBER	INSTALLATION TOOL PART NUMBER
D4009-1	TYCO ELECTRONICS	36161	MS25036-112	59824-1

D4009-X TERMINAL END

#82658

RELEASED
R 2010-05-05
WPD

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: N/A
 7) WEIGHT: N/A

DESIGN	JS	DART AEROSPACE LTD	
DRAWN	JS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JS	DRAWING NO.	REV. A
MFG. APPR.	JS	D4009	SHEET 2 OF 5
APPROVED	JS	TITLE	SCALE
DE APPR.	JS	GROUND STRAP	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

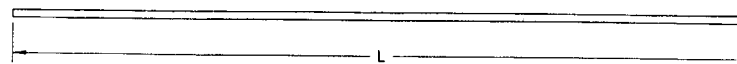
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4009-3	REF JCA-M47-4-01
D4009-5	REF JCA-M47-4-01

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	LENGTH "L"
D4009-3	1.5
D4009-5	13.5

D4009-X GROUND STRAP

NOTES:

- 1) MATERIAL: MADE FROM AVIALL P/N 1171 (OR SEA-171) OR C.O.R.E. AVIATION P/N QQ8575R36T250
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

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DESIGN	
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DE APPR.	
DATE	10.02.05
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82638

RELEASED
R 2010-05-05
N/A

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

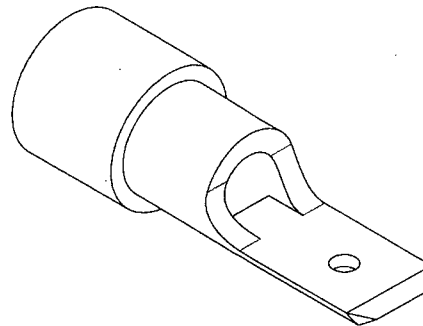
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	INSTALLATION TOOL PART NUMBER
D4009-7	TYCO ELECTRONICS C.O.R.E. AVIATION	8-696372-1	59824-1

D4009-X TAB

#82658

RELEASED
2010-05-05
WJD

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4009	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		GROUND STRAP	NTS
DATE	10.02.05	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

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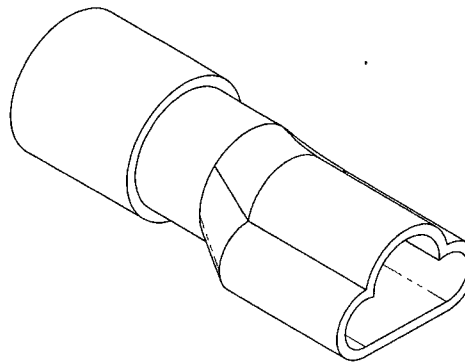
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SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	INSTALLATION TOOL PART NUMBER
D4009-9	TYCO ELECTRONICS C.O.R.E. AVIATION	8-696371-1	59824-1

D4009-X RECEPTACLE

#82655

RELEASED
2010-05-05

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DESIGN DRAWN CHECKED MFG. APPR. APPROVED DE APPR. DATE	DRAWING NO. D4009 TITLE GROUND STRAP REV. A SHEET 5 OF 5 SCALE NTS
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